

SCHEMATIC OF THE HEATHKIT® TRANSISTORIZED REGULATED POWER SUPPLY MODEL IP-20

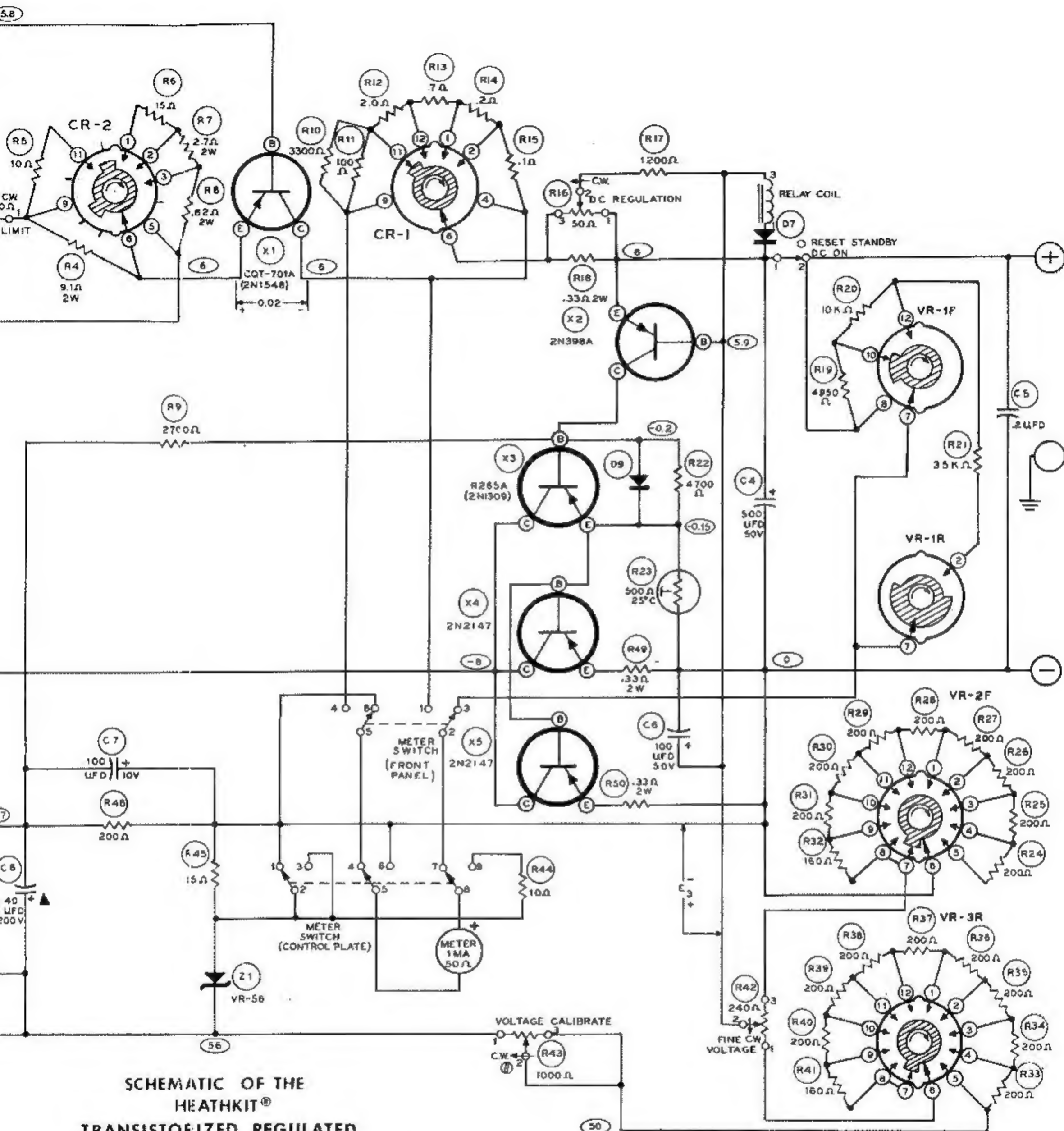
ALL RESISTANCES IN OHMS K = 1000.
ALL RESISTORS 1/2 WATT UNLESS OTHERWISE SPECIFIED.

NOTES:

- ALL VOLTAGES TAKEN AT 117 VOLTS, 60 CPS INPUT.
- ALL VOLTAGES READ WITH A VTVM.
- CONTROLS SET AS FOLLOWS FOR VOLTAGE MEASUREMENTS:
VOLTAGE RANGE - 5
CURRENT RANGE - 1.5 A
FINE VOLTAGE - MAX clockwise
CURRENT LIMIT - MAX clockwise
TOGGLE SWITCH - Reset-standby
METER SWITCH - Voltage
- ALL VOLTAGES MEASURED FROM NEGATIVE (-) OUTPUT TERMINAL UNLESS OTHERWISE INDICATED. ○ INDICATES VOLTAGE READING.
- ALL VOLTAGES ARE DC UNLESS OTHERWISE INDICATED.
- VOLTAGE READINGS CAN VARY ±10%.
- OUTPUT UNLOADED.
- ROTARY SWITCHES SHOWN IN MAXIMUM COUNTERCLOCKWISE POSITION.

POSITION OF VR	E1 VOLTS AC	E2 VOLTS DC	E3 VOLTS DC
5	10	14	8
10	15	21	10
15	20	28	15
20	25	35	20
25	29	41	25
30	33	47	30
35	38	54	35
40	43	60	40
45	47	68	45
50	53	74	50

Set controls as in note 3 except for Voltage Range (VR) switch.



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